

34704-489

3/13/2014

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460



OFFICE OF  
CHEMICAL SAFETY AND  
POLLUTION PREVENTION

March 13, 2014

Premjit Halarnkar  
Loveland Products, Inc.  
P.O. Box 1286  
Greeley, CO 80632-1286

Subject: Amended label to update the environmental hazards section  
Product Name: Dimethoate 2.67 EC  
EPA Registration No. 34704-489  
EPA Decision No. 488428  
Your submission dated March 5, 2014

Dear Dr. Halarnkar:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable. A stamped copy of the label is enclosed for your records. Please submit one copy of your final printed labeling before you release the product for shipment. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). If you have any questions, please contact Julie Chao at (703) 308-8735 or [chao.julie@epa.gov](mailto:chao.julie@epa.gov).

Regards,

A handwritten signature in cursive script that reads "Venus Eagle".

Venus Eagle, Product Manager 01  
Insecticide-Rodenticide Branch  
Registration Division (7505P)

Enclosure

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**GROUP 1B INSECTICIDE**



# DIMETHOATE 2.67 EC

Organophosphate

SYSTEMIC INSECTICIDE-MITICIDE

ACTIVE INGREDIENT:		
Dimethoate O,O-Dimethyl S-(N-methylcarbamoylmethyl) phosphorodithioate .....		30.5%
OTHER INGREDIENTS: .....		69.5%
	TOTAL	100.0%

Contains 2.67 pounds active ingredient per gallon.  
Contains petroleum distillates.

## KEEP OUT OF REACH OF CHILDREN WARNING—AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

FIRST AID	
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Do not give any liquid to the person.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>

**NOTE TO PHYSICIAN:** Atropine is antidotal. Pralidoxime chloride may be effective as an adjunct to atropine. This product may cause cholinesterase inhibition. Aspirated cyclohexanone may cause severe lung damage. If swallowed stomach contents should be evacuated quickly in a manner which avoids aspiration. Otherwise treatment should be directed at the control of symptoms and clinical condition. Contains petroleum distillates. May pose an aspiration pneumonia hazard.

**FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-866-944-8565.**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

See Below For Additional Precautionary Statements.

EPA REG. NO. 34704-489

EPA EST. NO. 34704-MS-002

NET CONTENTS 2.5 GAL (9.46 L)

ACCEPTED  
MAR 13 2014

Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended, for the  
pesticide registered under:

EXP 03/14 EPA

EPA. Reg. No: 34704-489

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
WARNING—AVISO**

**WARNING:** May be fatal if swallowed. Causes substantial but temporary eye injury. Harmful if absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin.

**Personal Protective Equipment (PPE):**

Some materials that are chemical-resistant to this product are barrier laminate, nitrile rubber, neoprene rubber, or viton. If you want more options, follow the instructions for category "E" on an EPA chemical-resistance category selection chart.

**Mixers, loaders, applicators, flaggers, and other handlers must wear:**

- Long-sleeved shirt and long pants,
- Shoes plus socks,
- Chemical-resistant gloves,
- Goggles or face shield,
- NIOSH-approved dust mist filtering respirator with MSHA/NIOSH approval number prefix TC-21C or a NIOSH-approved respirator with any R, P, or HE filter,
- Chemical-resistant apron when mixing, loading, cleaning up spills, or equipment.

See Engineering Controls for additional requirements and exceptions.

**User Safety Requirements:**

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

**Engineering Controls:**

Mixers and loaders supporting aerial application to alfalfa, cotton, soybeans, corn, safflower, sorghum, and wheat must use a closed system that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4)]. The system must be capable of removing the pesticide from the shipping container and transferring it into mixing tanks and/or application equipment. At any disconnect point, the system must be equipped with a dry disconnect or dry couple shut-off device that is warranted by the manufacturer to minimize drippage to no more than 2 milliliters per disconnect. In addition, mixers and loaders must:

- wear the personal protective equipment required on this labeling for mixers/loaders, except no respirator is required;
- wear protective eyewear, if the system operates under pressure; and
- be provided and have immediately available for use in an emergency, such as a broken package, spill, or equipment breakdown, chemical resistant footwear and a respirator of the type specified in the PPE section of this labeling.

Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(6)]. Pilots need not wear the PPE required in this labeling for applicators, but must wear at least a long-sleeve shirt, long pants, shoes, and socks.

When handlers use closed systems, or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-5)), the handler PPE requirements may be reduced or modified as specified in the WPS.

**USER SAFETY RECOMMENDATIONS**

**Users should:**

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

This product is toxic to wildlife and aquatic invertebrates. This product is highly toxic to bees and other pollinators exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it drift to blooming crops or weeds if bees or other pollinating insects are foraging in the treatment area.

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

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Dimethoate is known to leach through soil into ground water under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground-water contamination.

This product may contaminate water through drift of spray in wind. This product has a high potential for runoff for several days after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product.

A level, well maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential for contamination of water from rainfall-runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours.

A vegetative filter strip constructed and maintained in accordance with the 2000 Natural Resources Conservation Service publication Conservation Buffers to Reduce Pesticide Losses (<http://permanent.access.gpo.gov/lps9018/www.wcc.nrcs.usda.gov/quality/common/pestmgt/files/newconbuf.pdf>) will significantly reduce the potential for contamination of water from rainfall-runoff.

**PHYSICAL OR CHEMICAL HAZARDS**

Combustible. Do not use, pour, spill or store near heat or open flame. Incompatible with other chemicals (e.g. strong oxidizers).

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

This product is for use in commercial settings only. Use in residential settings is prohibited.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**High Pressure Handwand Equipment:** When applications are made by high pressure handwand equipment, the maximum application rate for all crops and use-patterns is 0.0025 pound active ingredient per gallon.

**Requirements for Reducing Spray Drift:**

Do not apply under circumstances where possible drift to unprotected persons or to food, forage, or other plantings that might be damaged or crops thereof rendered unfit for sale, use, or consumption can occur.

1. Use the largest droplet size consistent with acceptable efficacy. Formation of very small droplets may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible, and by avoiding excessive spray boom pressure. For groundboom and aerial applications, use medium or coarser spray nozzles according to ASAE 572 definition for standard nozzles or a volume mean diameter (VMD) of 300 microns or greater for spinning atomizer nozzles.

2. Make aerial or ground applications when the wind velocity favors on target product deposition. Apply only when the wind speed is less than or equal to 10 mph. For all non-aerial applications, wind speed must be measured adjacent to the application site on the upwind side, immediately prior to application.

3. Do not make aerial or ground applications into areas of temperature inversions. Inversions are characterized by stable air and increasing temperatures with increasing distance above the ground. Mist or fog may indicate the presence of an inversion in humid areas. Where permissible by local regulations, the applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface.

4. Low humidity and high temperatures increase the evaporation rate of spray droplets and therefore the likelihood of increased spray drift. Avoid spraying during conditions of low humidity and/or high temperatures.

5. All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers.

6. For groundboom applications, apply with nozzle height no more than 4 feet above the ground or crop canopy.

7. For airblast applications, turn off outward pointing nozzles at row ends and when spraying the outer two rows. To minimize spray loss over the top in orchard applications, spray must be directed into the canopy.

8. For aerial applications, release spray at the lowest height consistent with efficacy and flight safety. If the application includes an aquatic buffer zone, do not release spray at a height greater than 10 feet above the ground or crop canopy.

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9. For aerial applications, the spray boom should be mounted on the aircraft so as to minimize drift caused by wing tip vortices. The minimum practical boom length should be used and must not exceed 75% of the wingspan or 90% of rotor blade diameter. Use upwind swath displacement.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

**Do not enter or allow worker entry into treated areas during the restricted entry interval (REI).**

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls over long-sleeved shirt and long pants,
- Chemical-resistant gloves made of any waterproof material,
- Chemical-resistant footwear plus socks,
- Chemical-resistant headgear for overhead exposure.

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated area.

**DIRECTIONS FOR DILUTION UNLESS STATED**

**DILUTE APPLICATION:** Ground Application For Field and Vegetable Crops: Apply specified rate in 20.0 to 60.0 gallons of water per acre.

**CONCENTRATE APPLICATION:** Ground Application: Apply specified rate in not less than 5.0 gallons of water per acre. Orchard Application: Apply equivalent per acre rates in 20.0 to 100 gallons of water per acre. Special concentrate equipment is necessary for these uses.

**AIR APPLICATION:** Apply specified rate in 5.0 to 20.0 gallons of water per acre. Orchard rates use equivalent per acre rate in not less than 10.0 gallons of water per acre. Do not use air application on pecans.

**Do not apply this product through any type of irrigation system.**

**CROPS**

**ALFALFA (grown for seed and hay):** *Aphids, Leafhoppers, Lygus bugs, Grasshoppers and reduction of Alfalfa weevil larvae, Plant bugs* - Apply 0.75 to 1.5 pints (0.25 to 0.5 pound active ingredient) per acre. This pesticide is highly toxic to bees, do not apply if bees are visiting the areas to be treated when crop or weeds are in bloom. For alfalfa hay, do not apply within 10 days of harvest or pasturing-make only 1 application per year. For alfalfa seed, do not feed or graze livestock on treated crops, hay threshings or stubble within 20 days of application. Maximum single application rate: 0.5 pound active ingredient per acre. Maximum total rate per crop cycle or cutting: 0.5 pound active ingredient per acre.

The REI is 48 hours.

**BEANS, (including fresh, snap, lima and dry; excluding cow peas):** *Aphids, Leafhoppers, Leaf miners, Mites, Lygus bugs, Bean leaf beetle, Mexican bean beetle* - Apply 0.75 to 1.5 pints (0.25 to 0.5 pound active ingredient) per acre. No time limitation. This pesticide is highly toxic to bees, do not apply if bees are visiting the areas to be treated when crop or weeds are in bloom. Do not feed treated vines to livestock. Maximum single application rate: 0.5 pound active ingredient per acre, 14-day retreatment interval. Maximum total rate per season: 1.0 pound active ingredient per acre.

The REI is 48 hours.

**BROCCOLI, BRUSSELS SPROUTS & CAULIFLOWER:** *Aphids* - Apply 0.75 to 1.5 pints (0.25 to 0.5 pound active ingredient) per acre. For broccoli and cauliflower do not apply within 7 days of harvest. For Brussels sprouts do not apply within 10 days of harvest. Maximum application rate: 0.5 pound active ingredient per acre, 7-day retreatment interval. Maximum total rate per year: 1.5 pounds active ingredient per acre.

The REI is 48 hours; however, the REI is increased to 72 hours in outdoor areas where the average annual rainfall is less than 25 inches per year.

**CITRUS (grapefruit, lemons, oranges, tangerines):** Do not apply when trees or substantial numbers of weeds in the grove are in bloom. Do not use on seedlings. Do not apply within 15 days of harvest, except do not apply within 45 days of harvest for scale control rates over 1.5 pints (0.5 pound active ingredient) per 100 gallons of water. Make no more than 2 applications to mature fruit. Do not enter groves or nurseries within 48 hours of application. Do not graze livestock on cover crops grown in treated orchards.

*Aphids, Mites (except Rust mite), Thrips* - Apply 0.75 to 1.5 pints (0.25 to 0.5 pound active ingredient) per 100 gallons of water.

*Scales (except Black or Snow)* - Apply 1.5 to 3.0 pints (0.5 to 1.0 pound active ingredient) per 100 gallons of water.

*Whiteflies and Citrus psyllid* - Apply 1.5 pints (0.5 pound active ingredient) per 100 gallons of water. Maximum application rate: 1.0 pound active ingredient per acre. Maximum total rate per year: 1.0 pound active ingredient per acre. Thorough coverage is necessary. For aerial application, apply in a minimum of 5.0 gallons of water.

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The REI is 10 days; however, the REI is increased to 14 days in outdoor areas where the average annual rainfall is less than 25 inches per year.

**CITRUS (grapefruit, lemons, oranges, tangerines) (non-bearing and nursery stock) California & Arizona only:** *Thrips, Aphids*-Foliar spray - Apply 1.5 pints (0.5 pound active ingredient) per 100 gallons of water. Use only on nursery stock and other non-bearing trees (trees that will not bear fruit within 1 year). Soil drench: apply 1.5 quarts (1.0 pound active ingredient) per acre in the basin or furrow around the base of the tree. Apply when insect injury to new growth appears. Use only on nursery stock and other non-bearing (trees that will not bear fruit within 1 year). Do not graze livestock on cover crops grown in treated orchards. Maximum application rate: 1.0 pound active ingredient per acre. Maximum total rate per year: 1.0 pound active ingredient per acre.

The REI is 10 days; however, the REI is increased to 14 days in outdoor areas where the average annual rainfall is less than 25 inches per year.

**CITRUS (grapefruit, lemons, oranges, tangerines) Arizona only:** *Thrips* - Use specified dosage of Dimethoate 2.67 EC in the amount of water necessary to achieve adequate coverage of foliage. Ground: Apply up to 3.0 pints (1.0 pound active ingredient) in not less than 20.0 gallons water per acre. Do not apply within 15 days of harvest. Maximum application rate: 1.0 pound active ingredient per acre. Maximum total rate per year: 1.0 pound active ingredient per acre.

The REI is 10 days; however, the REI is increased to 14 days in outdoor areas where the average annual rainfall is less than 25 inches per year.

**Note:** Use of dimethoate is prohibited during any time of day in any given orchard from when that orchard has 10% open blooms until such time as there has been at least 75% petal fall on the north side of the trees. Applications of dimethoate shall be limited to that period of time between 1 hour after sunset to 3 hours before sunrise when any 1 of the following conditions prevail:

- Before the onset of petal fall, the orchard to be treated has open blooms present and these open blooms represent less than 10% of the total anticipated blooms in the orchard.
- After the initiation of petal fall there are less than 25% of open blooms remaining in the orchard to be treated.
- It is between the calendar dates of February 15 and May 1st.

All applications of dimethoate on citrus must be documented on Form 1080 written either by a pest control advisor, farm owner or farm manager as is normally required for custom applications of pesticides, except that private applicators may omit the "Pesticide Application Report" section. The description of the status of bloom of the orchard to be treated as it was at the time of the application shall be indicated in the section for "Label Restrictions/Special Instruction". Both private and custom applicators shall mail to the Agriculture Department's Phoenix office the original or each completed Form 1080 done in accordance with this label. Each Form 1080 shall be post-marked not later than Monday following the week in which the application was made, except when holidays intervene.

**COTTON:** *Aphids, Mites, Thrips, Fleahoppers, Plant bugs* - Apply 0.33 to 1.5 pints (0.1 to 0.5 pound active ingredient) per acre. Do not apply within 14 days of harvest. Repeat applications should not be made in intervals closer than 14 days. Do not feed treated forage or graze livestock on treated fields. Maximum single application rate: 0.5 pound active ingredient per acre, 14-day retreatment interval. Maximum total rate per season: 1.0 pound active ingredient per acre.

The REI is 48 hours.

**COTTON (use restricted to California and Arizona):** *Lygus bugs, Leafhoppers, Black fleahopper* - Apply 0.75 to 1.5 pints (0.25 to 0.5 pound active ingredient) per acre. Do not apply within 14 days of harvest. Repeat applications should not be made at intervals closer than 14 days. No more than 2 applications per season. Do not feed treated forage or graze livestock on treated fields. Maximum single application rate: 0.5 pound active ingredient per acre., 14-day retreatment interval. Maximum total rate per season: 1.0 pound active ingredient per acre.

The REI is 48 hours.

**CORN (field and pop):** *Aphids, Bean beetles, Corn rootworm adults, Mites, Thrips, Fleahoppers* - Apply 1.0 to 1.5 pints (0.3 to 0.5 pound active ingredient) per acre when insects first appear. Apply as needed using a maximum of 3 applications per year. Do not apply within 14 days of harvest if corn is used for forage and 42 days if used for grain. Do not apply to corn during the pollen-shed period. Maximum application rate: 0.5 pound active ingredient per acre. Maximum total rate per year: 0.5 pound active ingredient per acre.

The REI is 48 hours. **PROHIBITION:** Workers are prohibited from entering the treated area to perform detasseling tasks for 4 days in non-arid areas and for 15 days in outdoor areas where the average annual rainfall is less than 25 inches per year.

**LENTILS:** *Aphid, Lygus bugs* - Apply 0.75 to 1.5 pints (0.25 to 0.5 pound active ingredient) per acre when insects first appear. Use the higher application rate for lygus control. This pesticide is highly toxic to bees, do not apply if bees are visiting the areas to be treated when crop or weeds are in bloom. Do not apply within 14 days of harvest. Do not feed or graze hay or treated vines. Maximum application rate: 0.5 pound active ingredient per acre, 7-day reapplication interval. Maximum total rate per year: 1.0 pound active ingredient per acre.

The REI is 48 hours.

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**LETTUCE (leaf), ENDIVE (escarole), KALE, MUSTARD GREENS, SWISS CHARD, TURNIPS (greens and roots):** *Aphids, Leafhoppers, Leaf miners* - Apply 0.75 pint (0.25 pound active ingredient) per acre. Do not apply within 14 days of harvest.

Maximum application rate: 0.25 pound active ingredient per acre. Follow the re-application interval, maximum total rate per year and REI for the crops listed below:

	Re-Application Interval (Days)	Max Total Rate/Yr (Lb AI/A)	REI (hours)
Endive			
Escarole			
Leaf lettuce			
Swiss chard	7	0.75	48
Kale	15	0.50	48
Mustard greens	9	0.50	48
Turnips (greens & roots)	3	1.75	48

**MELONS (except watermelons):** *Aphids, Leafhoppers, Leaf miners, Thrips* - Apply 1.5 pints (0.5 pound active ingredient) per acre. Do not apply within 3 days of harvest. Maximum application rate: 0.5 pound active ingredient per acre., 7-day reapplication interval. Maximum total rate per year: 1.0 pound active ingredient per acre.

The REI is 48 hours.

**WATERMELONS:** *Aphids, Leafhoppers, Leaf miners* - Apply 0.75 to 1.5 pints (0.25 to 0.5 pound active ingredient) per acre. Do not apply within 3 days of harvest. Maximum application rate: 0.5 pound active ingredient per acre, 7-day reapplication interval. Maximum total rate per year: 1.0 pound active ingredient per acre.

The REI is 48 hours.

**PEARS:** *Aphids, Leafhoppers, Mites (except Rust mite)* - Apply 0.75 to 1.5 pints (0.25 to 0.5 pound active ingredient) per 100 gallons of water. Do not apply within 28 days of harvest. Do not apply when trees or substantial numbers of weeds in the orchard are in bloom. Do not graze livestock on cover crops grown in treated orchards. Maximum application rate: 1.0 pound active ingredient per acre. Maximum total application rate per year: 1.0 pound active ingredient per acre.

The REI is 10 days; however, the REI is increased to 14 days in outdoor areas where the average annual rainfall is less than 25 inches per year.

**PEAS:** *Aphids* - Apply 0.5 pint (0.16 pound active ingredient) per acre. Peas may be harvested on day of application. This pesticide is highly toxic to bees, do not apply if bees are visiting the areas to be treated when crop or weeds are in bloom. Do not feed or graze hay within 21 days after last application when a stationary viner is used. Do not feed or graze when a mobile viner is being used. Maximum application rate: 0.16 pound active ingredient per acre. Maximum total rate per year: 0.16 pound active ingredient per acre.

The REI is 48 hours. Not for use on field peas.

**PECANS:** *Aphids, Mites, Leafhoppers* - Apply 1.0 pint (0.33 pound active ingredient) per acre by ground equipment only. Do not apply within 21 days before harvest. Do not graze livestock in treated groves. Apply in 100 to 500 gallons of water per acre. Maximum application rate: 0.33 pound active ingredient per acre. Maximum total rate per year: 0.33 pound active ingredient per acre.

The REI is 48 hours.

**PEPPERS:** *Aphids, Leaf miners, Maggot* - Apply 0.75 to 1.0 pint (0.25 to 0.33 pound active ingredient) per acre. Maximum application rate: 0.33 pound active ingredient per acre, 7-day reapplication interval. Maximum total rate per year: 1.65 pounds active ingredient per acre.

The REI is 48 hours.

**POTATOES:** *Aphids, Leafhoppers, Leaf miner* - Apply 0.75 to 1.5 pints (0.25 to 0.5 pound active ingredient) per acre. Potatoes may be harvested on day of application. Maximum application rate: 0.5 pound active ingredient per acre, 7-day reapplication interval. Maximum total rate per year: 1.0 pound active ingredient per acre.

The REI is 48 hours.

**SAFFLOWER (use restricted to California and Arizona):** *Aphids, Leafhoppers, Lygus bugs, Thrips* - Apply 0.75 to 1.5 pints (0.25 to 0.5 pound active ingredient) per acre. Do not apply within 14 days of harvest. Repeat applications should not be made at intervals closer than

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14 days. No more than 2 applications per season. Maximum single application rate: 0.5 pound active ingredient per acre. Maximum total rate per crop cycle or cutting: 0.5 pound active ingredient per acre.

The REI is 48 hours.

**SORGHUM:** *Aphids, Mites* - Apply 0.75 to 1.5 pints (0.25 to 0.5 pound active ingredient) per acre. Do not feed or graze within 28 days of last application. Do not apply after heading. No more than 3 applications per season. Maximum application rate: 0.5 pound active ingredient per acre, 7-day reapplication interval. Maximum total application rate per year: 1.0 pound active ingredient per acre.

The REI is 48 hours.

**SOYBEANS:** *Leafhoppers, Alfalfa loopers, Mexican bean beetles, Spider mites* - Apply 1.3 to 1.5 pints (0.4 to 0.5 pound active ingredient) per acre. Do not feed or graze within 5 days of last application. Do not apply within 21 days of harvest. Maximum application rate: 0.5 pound active ingredient per acre, 7-day reapplication interval. Maximum total application rate per year: 1.0 pound active ingredient per acre.

The REI is 48 hours.

**TOMATOES:** *Aphids, Leafhoppers, Leaf miners* - Apply 0.75 to 1.5 pints (0.25 to 0.5 pound active ingredient) per acre. Maximum application rate: 0.5 pound active ingredient per acre, 6-day reapplication interval. Maximum total rate per year: 1.0 pound active ingredient per acre.  
Do not apply within 7 days of harvest.

The REI is 48 hours.

**WHEAT:** *Aphids (including Greenbug), Brown wheat mite* - Apply 0.75 to 1.5 pints (0.25 to 0.5 pound active ingredient) per acre. Do not apply within 14 days of grazing immature plants. Do not harvest grain within 35 days of last application. Make no more than 2 applications per growing season. Maximum single application rate: 0.5 pound active ingredient per acre. Maximum total rate per crop cycle or cutting: 0.5 pound active ingredient per acre.

The REI is 48 hours.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Do not store below 32 °F or above 90 °F. Store in original container in a well-ventilated area separately from fertilizer, feed, and foodstuffs. Avoid cross-contamination with other pesticides.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL: Nonrefillable container.** Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state. Once cleaned, some agricultural plastic pesticide containers can be taken to a container collection site or picked up for recycling. To find the nearest site, contact your chemical dealer or manufacturer, or contact The Agricultural Container Recycling Council (ACRC) at [www.acrecycle.org](http://www.acrecycle.org). If not recycled, then puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Triple rinse or pressure rinse container (or equivalent) promptly after emptying.

**For packages up to 5 gallons: Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. **Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

**For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC - 1-800-424-9300.**

**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

**BEFORE BUYING OR USING THIS PRODUCT,** read the entire Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC. or the seller is authorized to vary in any way.

